

## **DIP COATING PROCESS FOR OPTICAL ELEMENTS**

### **ABSTRACT**

**[057]** A dip coating process is disclosed that provides a coating on the surfaces of an optical element with more consistent coating thickness. The objectives of this invention are accomplished by holding the coated optical element so that a meniscus is created between the element and the surface of the coating solution. At such a position, the capillary force generated by the touching meniscus helps drain down excessive coating at the bottom of the substrate to quickly yield a consistent coating thickness over the coated surface.